B.E.G. LUXOMAT® net



PD2N-CAS DALI-2

93476 EAN: 4007529934768

CASAMBI-compatible PIR motion sensor with built-in DALI-2 bus power supply, 360° detection, and a range of up to Ø10m (78 m²)

Order data

Designation	Colour	Art.No
PD2N-CAS DALI-2	white	93476

Accessories

Designation	Colour	Art.No
SM socle mounting set IP54 PD2N H	white	93454
SM socle mounting set IP54 PD2N H	black	93783
SM socle mounting set IP54 PD2N H	traffic white	93782
SM socle mounting set IP54 PD2N H	anthracite	93781
Cover ring PD2N FC	black	93773
Cover ring PD2N FC	traffic white	93772
Cover ring PD2N FC	anthracite	93771
Cover ring PD2N FM	black	93763
Cover ring PD2N FM	traffic white	93762
Cover ring PD2N FM	anthracite	93761
Cover ring PD2N FM	white	93760
Wire basket BSK (Ø 200 x 90 mm)	white	92199

Wall holder PD2N/4N Typ A	traffic white	93702
Wall holder PD2N/4N Typ A	anthracite	93701
Wall holder PD2N/4N Typ A	white	93700
Wall holder PD2N/4N Typ A	black	93703
Wall holder PD2N/4N Typ A	white	93164
SM socket for Wall holder	white	93192
Blinds PD2N/PD3N		37367
Pendulum mounting set PD2/3/4 SM	white	93179
Pendulum mounting set PD2/3/4 SM	jet black	93193
Adapter ring PD2N FM		93089

Technical data

Voltage:	230 V AC ±10% 50 Hz
Dimensions:	Ø 84 x 85 mm
Settings:	Casambi App
Power consumption:	0.5 W
Detection area:	horizontal 360° (Ceiling mounting)
Range:	max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
Monitored area (tangential movement):	78 m² / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 5 m / 2.5 m
Degree / class of protection:	IP20 / Class II
Impact strength:	IK04
Ambient temperature:	-5 °C to +45 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010
Number of PIR sensors:	1
Channel 1 (lighting control)	
DALI output:	80 mA (guaranteed), 125 mA (max.), shut down mechanism
Supported control gear:	DT0, DT5, DT6, DT7, DT8
Supported control devices:	- (single master)
Follow-up time:	1 sec – 60 min
Brightness set value:	1 – 4000 Lux
Light measuring:	Mixed light measuring

Product information

Casambi-enabled occupancy detector

DALI-2 interface for controlling digital dimmable ECGs in broadcast/multicast mode

Integrated temperature monitoring and short-circuit detection

Version as single-master device, can be networked wirelessly

Mixed light measurement with internal and external light sensor

Weighting between internal and external light sensor can be adapted to suit the application

Adjustment of the reflection factor and input of the luminosity for the display of the actual luminosity in the app

Extension of the detection area with additional B.E.G. Casambi devices possible

Individual adaption of the PIR sensor sensitivity

Detection area can be restricted with blinds

Functions adjustable via Casambi app

Including pre-assembled spring clamp with strain relief and contact protection cap for recessed ceiling mounting

Accessory for surface mounting available

Accessories for wall mounting optionally available

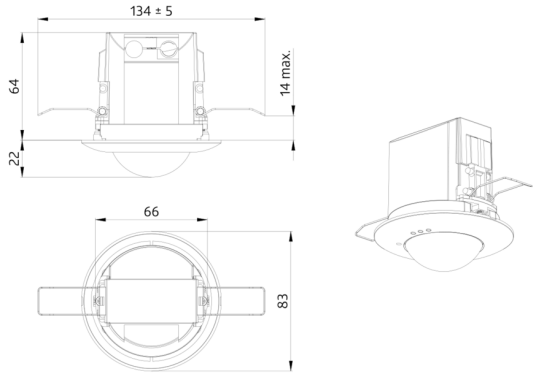
Further accessories for colour matching optionally available

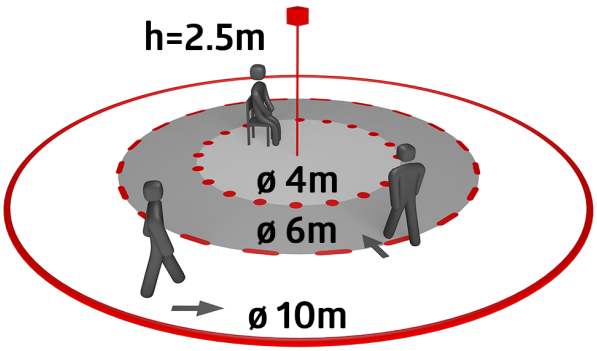
DALI-2 certified product

DALI output power can be increased with accessories

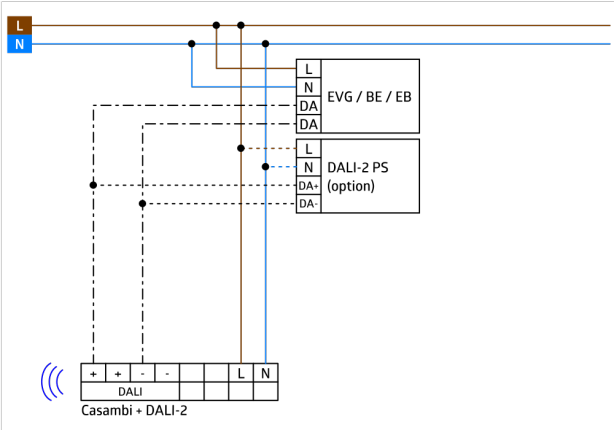
Bright LED indication for commissioning

Application examples:
entrance halls, small offices, open-plan offices, classrooms/seminar rooms





CASAMBI


L
N
L
N
DA
DA
EVG / BE / EB
L
N
DA+
DA-
DALI-2 PS
(option)
+
+
-
-
L
N
DALI
Casambi + DALI-2

Accessories



SM socle mounting set IP54 PD2N H
Art.No: 93454

Dimensions: Ø 110 x 65 mm
Degree / class of protection: IP54
Material color: white, similar to RAL9010



SM socle mounting set IP54 PD2N H
Art.No: 93783

Dimensions: Ø 110 x 65 mm
Degree / class of protection: IP54
Material color: black, similar to RAL9005



SM socle mounting set IP54 PD2N H
Art.No: 93782

Dimensions: Ø 110 x 65 mm
Degree / class of protection: IP54
Material color: traffic white, similar to RAL9016



SM socle mounting set IP54 PD2N H
Art.No: 93781

Dimensions: Ø 110 x 65 mm
Degree / class of protection: IP54
Material color: anthracite, similar to RAL7016



Cover ring PD2N FC
Art.No: 93773

Dimensions: Ø 82 x 13 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant



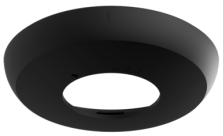
Cover ring PD2N FC
Art.No: 93772

Dimensions: Ø 82 x 13 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant



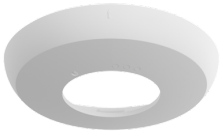
Cover ring PD2N FC
Art.No: 93771

Dimensions: Ø 82 x 13 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant



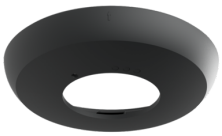
Cover ring PD2N FM
Art.No: 93763

Dimensions: Ø 106 x 20 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant



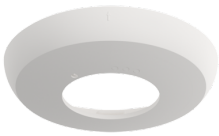
Cover ring PD2N FM
Art.No: 93762

Dimensions: Ø 106 x 20 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant



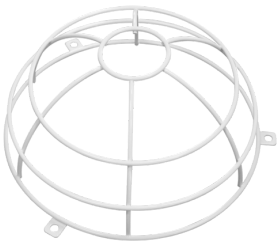
Cover ring PD2N FM
Art.No: 93761

Dimensions: Ø 106 x 20 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant



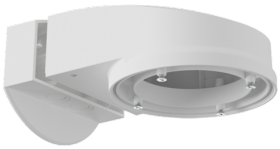
Cover ring PD2N FM
Art.No: 93760

Dimensions: Ø 106 x 20 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant



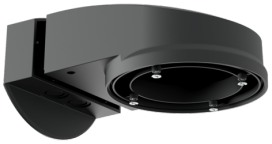
Wire basket BSK (Ø 200 x 90 mm)
Art.No: 92199

Dimensions: Ø 200 x 90 mm
Impact strength: IK09
Housing: coated steel basket



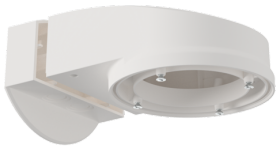
Wall holder PD2N/4N Typ A
Art.No: 93702

Dimensions: 133 x 106 x 66 mm
Degree / class of protection: IP54 / Class II
Housing: polycarbonate, UV-resistant



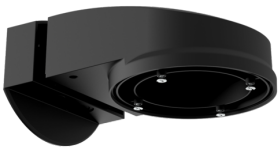
Wall holder PD2N/4N Typ A
Art.No: 93701

Dimensions: 133 x 106 x 66 mm
Degree / class of protection: IP54 / Class II
Housing: polycarbonate, UV-resistant



Wall holder PD2N/4N Typ A
Art.No: 93700

Dimensions: 133 x 106 x 66 mm
Degree / class of protection: IP54 / Class II
Housing: polycarbonate, UV-resistant



Wall holder PD2N/4N Typ A
Art.No: 93703

Dimensions: 133 x 106 x 66 mm
Degree / class of protection: IP54 / Class II
Housing: polycarbonate, UV-resistant



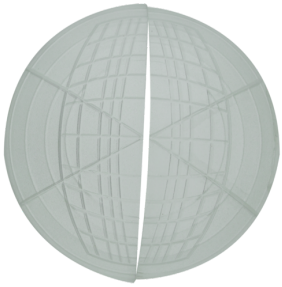
Wall holder PD2N/4N Typ A
Art.No: 93164

Dimensions: 133 x 106 x 66 mm
Degree / class of protection: IP54 /
Housing: polycarbonate, UV-resistant



SM socket for Wall holder
Art.No: 93192

Dimensions: 103 x 80 x 26 mm
Housing: polycarbonate, UV-resistant
Material color: white



Blinds PD2N/PD3N
Art.No: 37367

Housing: ABS



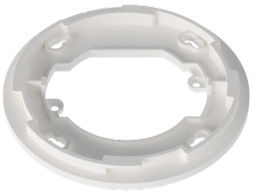
Pendulum mounting set PD2/3/4 SM
Art.No: 93179

Dimensions: 1 : Ø 113 x 79 mm, 2 : Ø 113 x 34 mm
Housing: polycarbonate, UV-resistant
Material color: white, similar to RAL9010



Pendulum mounting set PD2/3/4 SM
Art.No: 93193

Dimensions: 1 : Ø 113 x 79 mm, 2 : Ø 113 x 34 mm
Housing: polycarbonate, UV-resistant
Material color: jet black, similar to RAL9005



Adapter ring PD2N FM
Art.No: 93089

Dimensions: Ø 101 x 10 mm
Housing: polycarbonate, UV-resistant
Material color: white mat, similar to RAL9010